



Protecting Privacy in Outbound Fax

Perry Graham
October 2019

© O-Zone Tech Inc. CONFIDENTIAL



Introducing OZT Transaction Authorization – OZT XA™

**Avoid costly and
embarrassing privacy
breaches from outbound fax**



**Leverage existing
systems already in
place**



Medius



MySQL™

Active Directory

**Self-manage, self-report
and self-monitor without IT
or third party support**



The Benefits and Risks of Fax

Verifiable proof of delivery, recognized legal signatures and universally agreed communication protocols are the primary drivers for the continued adoption of fax.

Like other person-to-person communication protocols, there is always the risk of sending information to the wrong person or sending the wrong information to the right person.

The consequences in health care and finance particularly can be enormous. Lawsuits and fines from HIPAA violations are not uncommon

- in Ohio after paying a US\$387,000 fine a health care provider was also sued ([Ohio fine and lawsuit](#))
- Fines in the financial industry are typically US\$100K ([financial fines](#))
- Employees are commonly fired or suspended for violations

What to do about it?

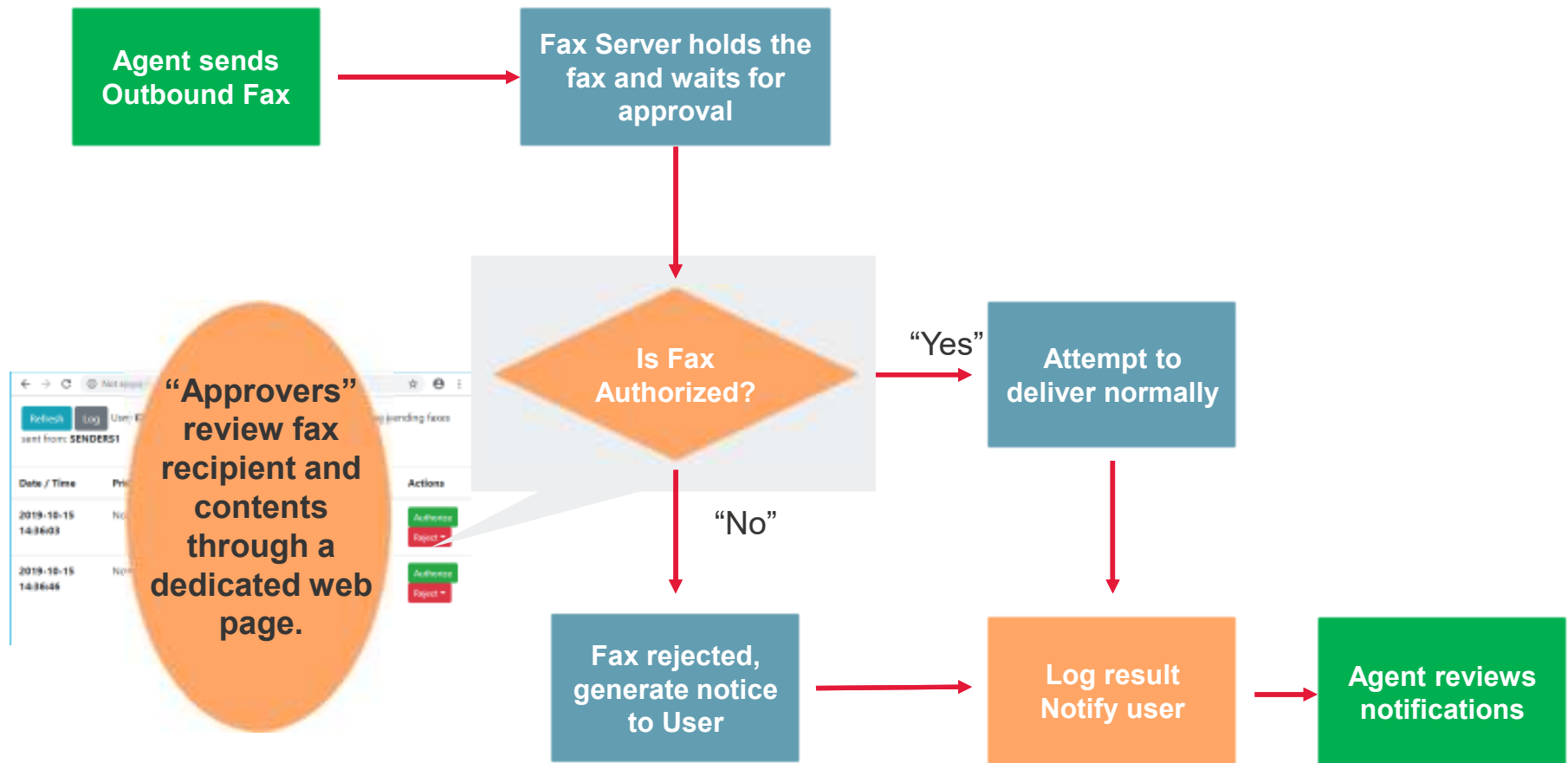
Problem:

- Many faxes today are sent via automated systems or through independent or integrated software applications
- There is very little opportunity for oversight and proofing prior to submission
- ➔ it is very easy to compile sensitive documents and send them to the wrong person or send someone else's sensitive information to the right person

Solution:

- XMedius has a unique process called “Transaction Authorization” (TA)
- O-Zone has created a service (OZT XA™) that leverages TA to provide the missing oversight and management approval for outbound faxes

OZT XA™ Authorization Process



OZT XA™ Features

Active Directory Integration

- Single sign on for fax senders through SendFax or Web Client
- Identification of senders requiring authorization (black list) through AD groups
- “Approvers” auto-identified through AD groups
- Single sign-on for approvers to approval web page

Customizable Notifications

- Send escalations when faxes have been waiting too long for approval
- Custom intervals for regular/high priority faxes

Record Locking

- Intelligence to lock records – only one simultaneous approver

Logging

- All transactions and status recorded in MySQL table

OZT XA™ In Operation

Sender's View

Not secure | xmf-xa/fax/status/listFolders.action?folderIndex=2&pageNumber=1

XMedius FAX

Faxes Contacts

Compose Fax

Inbound History

Outbound History

Outgoing Queue

Search Date All Priority All Reset

Retry now Cancel

1 to 2 of 2

<input type="checkbox"/>	Authorizing To: 1234	Quartz order	0/1 page	02:36 pm
<input type="checkbox"/>	Authorizing To: 5678	Rock Pile Invoice	0/1 page	02:36 pm

Status of faxes shown in client

Approver's View

Not secure | xmf-xa/faxauth/approve/index.jsp

Refresh Log

User: CORP\PerryGraham - Group: APPROVERS1 - Viewing pending faxes sent from: SENDERS1

Review fax and destination

Date / Time	Priority	User	Destination	Subject	Actions
2019-10-15 14:36:03	Normal	pgraham@ozt.ca	1234	Quartz order Review	Authorize Reject
2019-10-15 14:36:46	Normal	pgraham@ozt.ca	5678	Rock Pile Invoice Review	Authorize Reject

Approver and group identified by Active Directory

Reject or Allow

OZT XA™ Requirements

The service leverages capabilities and components found in XMediusFax Service Provider (Edition):

Component		
XMediusFax SP Edition	<ul style="list-style-type: none">• Required for Transaction Authorization	
Apache Tomcat	<ul style="list-style-type: none">• Required for web services	Part of XMediusFax
MySQL Database	<ul style="list-style-type: none">• Required for logging	Part of XMediusFax
Microsoft Internet Information Server (IIS)	<ul style="list-style-type: none">• Required for SSO	Part of Windows Server

OZT TA™ is licensed by site.

Our commitment to you

We approach every engagement with one objective in mind: to help clients succeed

